

Amendments to the Claims

A complete list of pending claims follows, with indicated amendments:

1. (Amended) An active heat sink, comprising:

a base;

a first set of fins extending from the base, wherein the surfaces of the first set of fins are perpendicular to the base;

a second set of fins extending from the base, wherein the surfaces of the first set of fins are perpendicular to the base;

a fan positioned between the first and second set of fins such that the placement of the fan between the first and second set of fins prevents access to the blades of the fan, and wherein, when the fan is operational, air is forced across the length of the fins in a transverse direction.

2. (Original) The active heat sink of claim 1, wherein the base and fins of the heat

sink are made of a metal.

3. (Cancelled).

4. (Cancelled).

5. (Original) The active heat sink of claim 1, wherein a separate fan guard element is not positioned between the blades of the fan and fins of the active heat sink.

6. (Amended) An information handling system, comprising:

a processor;

memory, wherein the processor is operable to retrieve instructions from the memory;

an active heat sink, wherein the active heat sink dissipates heat generated by the processor and includes,

a first set of fins extending from the base, wherein the surfaces of the first set of fins are perpendicular to the base;

a second set of fins extending from the base, wherein the surfaces of the second set of fins are perpendicular to the base; and

a fan positioned between the first and second set of fins such that the placement of the fan between the first and second set of fins prevents access to the blades of the fan, and wherein, when the fan is operational, air is forced across the length of the fins in a transverse direction.

7. (Original) The information handling system of claim 6, wherein the base and the fins of the heat sink are made of a metal.

8. (Cancelled).

9. (Cancelled).

10. (Original) The information handling system of claim 6, wherein a separate fan guard element is not positioned between the blades of the fan and fins of the active heat sink.

11. (Amended) A computer system, comprising:

a processor;

a memory, wherein the processor is able to retrieve instructions from memory;

an active heat sink, wherein the active heat sink dissipates heat generated by the

processor and includes,

a first set of fins extending from the base, wherein the surfaces of

the first set of fins are perpendicular to the base;

a second set of fins extending from the base, wherein the surfaces

of the second set of fins are perpendicular to the base; and

a fan positioned between the first and second set of fins such that

the placement of the fan between the first and second set of fins prevents access to the blades of

the fan, and wherein, when the fan is operational, air is forced across the length of the fins in a

transverse direction.

12. (Amended) The computer system of claim 11, wherein the fins of the active heat sink are made of a metal.

13. (Original) The computer system of claim 11, wherein the fins of the active heat sink extend from a base of the active heat sink.

14. (Cancelled).

15. (Original) The computer system of claim 11,
wherein the fins of the active heat sink are made of a metal; and
wherein the fins of the active heat sink extend from a base of the active heat sink.

16. (Cancelled).

17. (Original) The computer system of claim 11, wherein a separate fan guard element
is not positioned between the blades of the fan and fins of the active heat sink.

18-20. (Cancelled).